

PEDESTRIAN ENERGY ABSORBER BUMPER FOR VEHICLES

ABSTRACT OF DISCLOSURE

[0031] An energy absorber that incorporates pedestrian protection and vehicle protection into a front bumper system on automotive vehicles comprises a unitary molded glass mat of thermoplastic material having a plurality of outwardly extending crushable lobes. The energy absorber is combined with a fascia and a reinforcing beam with the energy absorber interdisposed to form a bumper system for automotive vehicles.